

Author index

- Acock, B. 1, 7, 33
- Bentz, B.J. 287
- Bettinger, P. 111
- Bolstad, P.V. 287
- Boston, K. 111
- Carpenter, S. 139
- Chattopadhyay, J. 243
- Chen, J.-L. 53
- Chertov, O.G. 177
- Chuk, N. 45
- Clark, M.E. 157
- Cunningham, P. 139
- Dejak, C. 191
- Field, C.B. 81
- Franco, D. 191
- Giho, H. 207
- Hofmann, H. 221
- Invernizzi, S. 231
- Jeltsch, F. 221
- Johnson, B. 139
- Kawata, M. 125
- Komarov, A.S. 177
- Lemmon, H. 45
- Lillie, R. 139
- Logan, J.A. 287
- Luo, Y. 81
- Marshall, D. 139
- Marsula, R. 221
- Martin, T. 139
- McKinion, J.M. 17
- Mooney, H.A. 81
- Mukhopadhyay, A. 243
- Narf, R. 139
- Nedorezov, Lev.V. 95
- Olson, R.L. 17
- Pachepsky, Y.A. 67
- Pastres, R. 191
- Pecenik, G. 191
- Pellett, T. 139
- Reddy, V.R. 33
- Reynolds, J.F. 1, 7, 53
- Rose, K.A. 157
- Seno, H. 207
- Sequeira, R.A. 17
- Sessions, J. 111
- Solidoro, C. 191
- Spencer, M. 299
- Stewart, S. 139
- Storlie, C. 139
- Tapaswi, P.K. 243
- Terpin, K. 231
- Thorpe, G.R. 255
- Timlin, D.J. 67
- Trebitz, A. 139
- Ulbrich, K. 221
- Unmuth, J. 139
- Wissel, C. 221

L

7

I

Subject index

- Allopatry, 157
- Biodegradation, 221
- Biosystems, 17
- Bluegill, 139
- C + +, 45
- Cellular automata, 299
- Competition, 125, 157
- Conical, 255
- Continuous, 33
- Cotton, 45
- Crop modeling, 67
- Density-dependence, 125
- Discrete, 33
- Ecological disturbance, 207
- Ecosystem, 255
- Elevated CO₂, 53
- Encapsulation, 67
- Eurasian milfoil, 139
- Farm, 255
- Fishery model, 243
- Food webs, 299
- Freshwater, 299
- Generic, 81
- Generic design criteria, 7
- Generic plant modelling, 17
- Generic simulator, 67
- Grain, 255
- Grassland, 81
- Habitat size, 299
- Hierarchy, 53
- Humification, 177
- Individual-based model, 157
- Individual-based models, 125
- Insect, 287
- Landscape, 287
- Largemouth bass, 139
- Local interaction, 125
- Logistic model, 231
- Macrophyte management, 139
- Mathematical model, 95
- Mathematical programming, 111
- Mineralization, 177
- Model, 255, 287
- Model re-use, 7
- Modularity, 67
- Modular, 53, 81
- Modularity rules, 7
- Modules, 7
- Nutrients, 177
- Object-oriented, 17
- Object-oriented programming, 45
- Object-orient programming, 81
- Oncorhynchus mykiss*, 157
- Parallel, 33
- Phenology, 287
- Photosynthetic growth, 231
- Plant growth, 53
- Plant population, 207
- Population outbreaks, 95
- Population persistence, 207
- Prey-predator interaction, 125
- Procedural, 33
- Proceed-oriented, 33
- Productivity, 299
- Rhyzopertha dominica*, 255
- Rocky Mountain elk, 111
- Salvelinus fontinalis*, 157
- Scale, 125
- Sediment, 221

- Selective harvesting, 243
- Sequential, 33
- Silo, 255
- Simulation, 53
- Simulation model, 139, 177
- Sitophilus oryzae*, 255
- Sitophilus zeamais*, 255
- Smalltalk, 45
- Soil litter and humus, 177
- Soil micro and meso fauna, 177
- Soil modeling, 67
- Spatial wildlife goals, 111
- Sympatry, 157
- Tabu search, 111
- Temperature, 287
- Transition matrix, 207
- Validation, 81
- Wetland, 221

